Course of Study Information and Communication Systems (Study Cohort w19)

Sample course plan D Master Information and Communication Systems (IMPICS)
Specialisation Secure and Dependable IT Systems, Focus Networks, Focus Software and Signal Processing

#	Semester 1	Form	Hrs/wk	Semester 2	Form	Hrs/wk	Semester 3	Form	Hrs/wk	Semester 4	Form	Hrs/wk
1	**Software Verification**			**Information Theory and Coding**			**Research Project and Seminar**			**Master Thesis**		
2	Software Verification	VL	2	Information Theory and Coding	VL	3	Seminar	SE	2			
3	Software Verification	GÜ	2	Information Theory and Coding	HÜ	1	Project Work	PK	10			
4												
5												
6												
7	**Communication Networks**			**Application Security**								
8	Analysis and Structure of Communication Networks	VL	2	Application Security	VL	3						
9	Communication Networks Excercise	PBL	1	Application Security	GÜ	2						
9	Selected Topics of Communication Networks	PBL	2									
10												
11												
12												
13	**Digital Image Analysis**			**Design of Dependable Systems**								
14	Digital Image Analysis	VL	4	Designing Dependable Systems	VL	2						
15				Designing Dependable Systems	GÜ	2						
16												
17												
18												
19				**Pattern Recognition and Data Compression**			**Traffic Engineering**					
20				Pattern Recognition and Data Compression	VL	4	Traffic Engineering	VL	2			
21							Traffic Engineering Exercises	GÜ	1			
22							Seminar Traffic Engineering	SE	2			
23												
24												
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| Business & Management (from catalogue) - 6LP |
| Non-technical Courses for Master (from catalogue) - 6LP |
| Technical Complementary Course for IMPICS (according to Subject Specific Regulations) - 12LP |

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.